

PI 572432-continued

origin: UNKNOWN. **cultivar:** ARIZ SAFFLOWER COMPOSITE I.
other id: W6 12770. **group:** W6. **Cultivar.** Seed.

PI 572433. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Leininger, L.N., Utah Agr. Exp. Sta., Utah State University, Logan, Utah, United States; and Agricultural Research Service -- USDA. Received 1966.

origin: United States. **developed:** L.N. Leininger.
origin institute: Utah Agr. Exp. Sta., Utah State University, Logan, Utah United States. **cultivar:** UTE.
pedigree: N8/Pacific 7, F5. **other id:** CV-4. **source:** Crop Sci. 7(3):279 1967. **group:** CSR-SAFFLOWER. **other id:** U-15. **other id:** W6 12771. **group:** W6. **remarks:** Maturity approx. same time as Gila and US10 and is adapted particularly to irrigated production west of the 100th meridian except in the northern Great Plains and Arizona. Flowers orange with few yellow and red flower segregates remaining in line. More branches and heads of smaller diameter than other varieties and small seed. Oil content percent slightly lower than Gila. More resistance to Phytophthora root rot, especially the low temperature form, than any other variety. Moderately susceptible to Fusarium wilt. Field tolerance to rust. Highly susceptible to Alternaria. **Cultivar.** Seed.

PI 572434. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: California Agr. Exp. Sta., California, United States. Received 1967.

origin: United States. **developed:** P.F. Knowles. **origin institute:** California Agr. Exp. Sta., University of California, Davis, California 95616 United States. **cultivar:** UC-1. **pedigree:** 57-147 (from India)/N-10. **other id:** CV-6. **source:** Crop Sci. 8(5):641 1968. **group:** CSR-SAFFLOWER. **other id:** W6 7108. **group:** W6. **remarks:** Similar to US-10 in appearance, oil content and yield. Both early, spiny, and have yellow flowers. Similar chemically to olive oil. In tests, looked promising as a cooking oil in comparison with hydrogenated commercial frying oils. **Cultivar.** Seed.

PI 572435. *Carthamus tinctorius* L. ASTERACEAE Safflower

Donated by: Abel, G.H., Agricultural Research Service -- USDA, Phoenix, Arizona, United States; and Arizona Agr. Exp. Sta.. Received 1968.